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(74) Agents: **LEVY, Seth, D.** et al.; Suite 2400, 865 South Figueroa Street, Los Angeles, California 90017-2566 (US).

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(71) Applicants (*for all designated States except US*):
CEDARS-SINAI MEDICAL CENTER [US/US]; 8700 Beverly Boulevard, Los Angeles, California 90048 (US).
CITY OF HOPE [US/US]; 1500 East Duarte Road, Duarte, California 91010 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **SHAH, Prediman, K.** [IN/US]; 111 North Layton Drive, Los Angeles, California 90025 (US). **CHATTERJEE, Saswati** [CA/US]; 678 West Alegria Avenue, Sierra Madre, California 91024 (US). **WONG, Kamehameha, Kay-Min, Jr** [US/US]; 678 West Alegria Avenue, Sierra Madre, California 91024 (US).

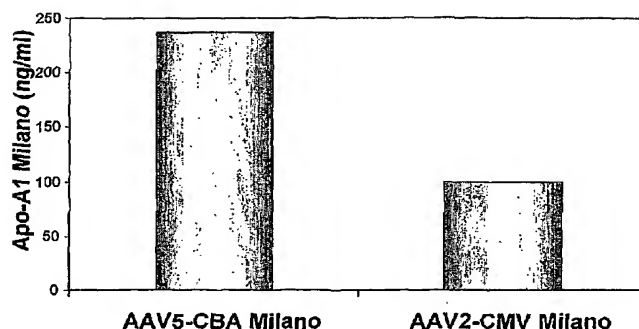
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(54) Title: PREVENTION AND TREATMENT OF VASCULAR DISEASE WITH RECOMBINANT ADENO-ASSOCIATED VIRUS VECTORS ENCODING APOLIPOPROTEIN A-I AND APOLIPOPROTEIN A-I MILANO



(57) Abstract: Described herein is a gene therapeutic approach to the prevention and treatment of vascular disease and coronary heart disease; in particular, atherosclerosis. The inventive methods may be used in the prevention and treatment of atherosclerosis, as well as any disease or physiological condition in which atherosclerosis plays a role. The inventive methods involve the gene delivery of ApoA-I or ApoA-IMilano. This may be accomplished by the use of rAAV technology. rAAV virions may be delivered to a mammalian subject by various methodologies, including transplantation of transduced bone marrow cells, direct intramuscular injection, intravenous or portal vein injection or stent delivery.

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